#### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

## WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-001754

Address: 333 Burma Road **Date Inspected:** 08-Mar-2008

City: Oakland, CA 94607

**OSM Arrival Time:** 1830 **Project Name:** SAS Superstructure **OSM Departure Time:** 530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name: CWI Present:** Yes N/A No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes N/A **Delayed / Cancelled:** No

34-0006 **Bridge No: Component:** OBG

## **Summary of Items Observed:**

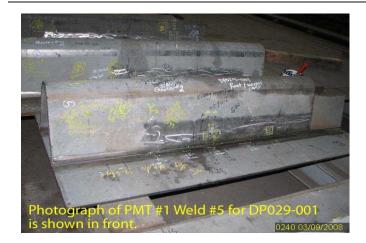
Caltrans Quality Assurance Inspector Gabriel Quintana (QA Inspector) arrived at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to observe fabrication and Quality Control Inspectors (QC Inspectors) perform their duties and responsibilities as specified in the contract documents, approved plans, fabrications documents and Special Provisions for this project. While on site the QA Inspector observed the following:

#### Production Monitoring test (PMT) and Fabrication

Caltrans QA Inspector performed Ultrasonic Test (UT) inspection on ten Production Monitoring Tests (PMT's) for Deck Panels DP069-001 and DP029-001. Welding of the PMT's was completed and on 03-08-2008. PMT welds are identified as PMT#1 Weld #1 thru #6 and PMT#2 Weld #1 thru #4. QA Inspector found the following five welds not in compliance: PMT#1 Weld #4, PMT#1 Weld #5, PMT#1 Weld #6, PMT#2 Weld #2 and PMT#2 Weld #3. The following weld inspected appear to be in compliance with the contract documents, approved plans, fabrications documents and Special Provisions for this project: PMT#1 Weld #1, PMT#1 Weld #2, PMT#1 Weld #3, PMT#2 Weld #1 and PMT#2 Weld #4. See ultrasonic testing report TL-6027 Modified dated March 08, 2008 for more details.

# WELDING INSPECTION REPORT

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# **Summary of Conversations:**

No conversations took place between the QA and QC Inspector.

### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Quintana,Gabriel	Quality Assurance Inspector
Reviewed By:	Hager,Craig	QA Reviewer